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Notice of ALLOWABILITY IS NOT a GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initia of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308. 1. ☑ This communication is responsive to 8-11-2005. 2. ☑ The allowed claim(s) is/are 1-4.8.9 and 11-14. 3. ☑ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☑ All b) ☐ Some* c) ☐ None of the: 1. ☑ Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No. 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)). **Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE** 1. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTC-152) which gives reason(s) why the oath or declaration is deficient. 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted. (a) ☐ including changes required by the Notice of Orefsteperson's Patent Drawing Review (PTC-948) attached 1) ☐ hereto or 2) ☐ to Paper No./Mail Date (b) ☐ including changes required by the thatched Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date (b) ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL. **Attachment(s)** 1. ☐ Notice of Informal Patent Application (PTC-152		Application No.	Application No. Applicant(s)	
Notice of Allowability Examiner Jerome Grant 2626	Notice of Allowability	09/901.612	IIDA ET AL.	
The MAILING DATE of this communication appears on the cover sheet with the correspondence address—All claims being allowable, PROSECUTION ON THE MERTIS IS (OR REMAINS) CLOSED in this application. If not included nevertit (or previously mailed), a holice of Allowance (PTOL-58) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initial of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308. 1. ☑ This communication is responsive to 8-11-2005. 2. ☑ The allowed claim(s) is/are 1-4.8.9 and 11-14. 3. ☑ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ISP All b) ☐ Some* c) ☐ None of the: 1. B° Certified copies of the priority documents have been received. 2. ☐ certified copies of the priority documents have been received in Application No. 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)). * Certified copies not received:				
All daims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Nowance (PTOL-98) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initia of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308. 1. This communication is responsive to 8-11-2005 2. The allowed claim(s) is/are 1-4.8,9 and 11-14. 3. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. 5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted. (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached Examiner's Comment a heat(s) should be leabled as such in the header according to 37 CFR 1.121(d). By Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 1. Deposition of References Cited (PTO-892) 3. Information Disclosure State		Jerome Grant II	2626	
2. ☑ The allowed claim(s) is/are 1_4,8,9 and 11-14. 3. ☑ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ② All b) ☐ Some* c) ☐ None of the: 1. ② Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted. (a) ☐ including changes required by the Notice of Oraftsperson's Patent Drawing Review (PTO-948) attached 1) ☐ hereto or 2) ☐ to Paper No./Mail Date	All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R	S (OR REMAINS) CLOSED in) or other appropriate commu RIGHTS. This application is s	this application. If not inclunication will be mailed in du	uded ue course. THIS
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Paper No./Mail Date				10-102)
 Examiner's Comment Regarding Requirement for Deposit of Biological Material Examiner's Statement of Reasons for Allowance Other JEROME GRANT II 	8. ☑ Information Disclosure Statements (PTO-1449 or PTO/SB/0	Paper No./N	/lail Date	
	Examiner's Comment Regarding Requirement for Deposit		JEROME GRANT	· II

U.S. Patent and Trademark Office PTOL-37 (Rev. 7-05) Application/Control Number: 09/901,612

Art Unit: 2626

Reasons for Allowance

Claims 1-3 are allowed fro the reason the prior art does not teach determining the amount o the black component between the starting point and the vertex showing the black by linearly increasing the black component from the starting point to the vertex showing the black, independently of the complementary color component corresponding to the chromatic color ad determining the amount of the complementary color component based on the determined amount of the black component.

Claims 4 and 9 were previously indicated as being allowed in the office action mailed 2-7-2005.

Claim 8 is allowed for the reason the prior art does not teach or suggest, "...

determining the amount of the black component between the starting point and
the vertex showing the black by linearly increasing the black component from the
starting point to the vertex showing the black, independently of the
complementary color component corresponding to the chromatic color and
determining the amount of the complementary color component based on the
determined amount of the black component."

Application/Control Number: 09/901,612

Art Unit: 2626

Claims 11-13 are allowed for the reason the prior art does not teach or suggest, "... determining the amount of the dark color component between the starting point and the vertex showing the black by linearly increasing the dark color component from the starting point to the maximum value of the dark color component, independently of the light color component and determining the amount of the light color component based on the determined amount of the dark color component.""

Claim 14 is allowed for the reason the prior art does not teach or suggest in claimed combination, "... determining the amount of the dark color component between the starting point and the vertex showing the black by linearly increasing the dark color component from the starting point to the maximum value of the dark color component and determining the amount of the light color component based on the determined amount of the dark color component. "

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jerome Grant II whose telephone number is 571-272-7463. The examiner can normally be reached on Mon.-Thurs. from 9:00 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly A. Williams, can be reached on 571-272-7471. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

J. Grant Ik

JEROME GRANT!